

UCDAVIS HEALTH SYSTEM

Celebrating 40 years of service



A View from the Chair's Corner

As I reach the three year mark as chair of Orthopaedics, the university requests that I submit a self appraisal on a number of key areas pertaining to my role as chair, and the direction the department has been driven. In reflecting on the past three years, we collectively have made some exciting headway on our mission development.

Administratively, we have enhanced the anatomy of the department to provide greater opportunities for physician leadership. In 2007, vice chair positions were developed. In 2008, we appointed an assistant residency director to ensure greater continuity when the residency director term concludes. This position will also allow the director opportunity to strategically lead while the assistant director oversees operations requiring physician involvement. Recently, new roles have been formalized for our service chiefs, and a description of responsibilities has been created, in the hopes of enhancing partnerships across subspecialty services.

Our clinical productivity continues to grow on several fronts. New subspecialty service chiefs have been recruited: one for our Foot and Ankle Service, another for Oncology. We have welcomed new faculty in our Pediatrics, Sports Medicine and Spine Services. Our internal block release program has been revamped, which has increased our operative utilization; volunteer faculty clinics for our Sports, General and Hand Services have been added, which has enhanced our residency program and improved access for our patients.

The department was proud to receive a five year accreditation for our residency program, granted in

December 2008. The resident interview process has been restructured to include greater faculty involvement and participation by two administrative chief residents. Our medical school class offerings continue to improve and the acting internship program has been expanded. The department welcomed its first joint fellow in 2007-2008; has expanded its spine fellowship to two positions, and the trauma fellowship to three. We are excited to welcome a pediatric fellow for the first time in a number of years, and look to expand our program by including a sports medicine fellowship in 2010-2011.

The search continues for opportunities to enrich our research mission. The research fellowship, slated between a PG2 and PG3 year, offers a resident the opportunity to be immersed in research for one year. In May 2009, Sunny Kim, PhD, Epidemiologist, joined our team. She is spearheading the development of a patient outcomes registry. Our research center continues to concentrate on stem cell, tissue engineering and biomechanic research, focusing on cartilage and bone. Two up-and-coming young scientists have been introduced to the lab and we are in the process of recruiting an endowed chair in Musculoskeletal Research.

Engaging the community has been an area of focus. This past year, officers were appointed to the Lipscomb Alumni Society. A few of our grand rounds sessions have been moved to Thursday evenings in an effort to provide continuing medical education to community providers. Our quarterly newsletter is distributed to approximately 500 colleagues, alumni, and grateful patients. Our website has been updated and an

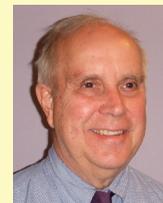
intranet site has been developed, which serves as a popular resource for our UCD orthopaedic community.

Cumulatively, we have made great strides these past three years, for which I am proud. Our work is far from accomplished, but as we look forward, we, as a department, will continue to strive for excellence and enhance our missions of clinical, community engagement, research and teaching.

Paul E. Di Cesare, MD, FACS
Michael W. Chapman Endowed Chair

History of the Department

by Dan Benson, MD



In 1969, Dr. Paul Lipscomb came from the Mayo Foundation, where he was professor of orthopaedic surgery, to establish the Department of Orthopaedic Surgery at the recently founded medical school of the University of California, Davis.

The original faculty consisted of Paul Lipscomb, James Garrick (sports medicine) and Dick Riggins. With this small group, Dr. Lipscomb developed what is now a formidable orthopaedic program. There was wonderful comradeship with local orthopaedics who helped Paul build the department. Frank Boutin, Jim Schubert, Frank Boutin, Howard Shortley, Max Shaffrath, Pete Ewing, Rich Kendrick, George Sims, and Ed Morris were a few of the original clinical faculty.

(continued on page 2)

History of the Department (cont)

The first residents started in 1969. Second year residents, Bill Tipton, Tom Bielejeski and David Chan had all completed one year of general surgery. The first year residents, Walt Drysdale, Jerry Tomlin and myself had finished an internship. All of us began our residency after serving in the military. We all met at El Macero Country Club, where Paul and Phyllis Lipscomb hosted dinner. I remember watching a small black and white television that had been set up in a vacant chair as Neil Armstrong stepped onto the moon. Thus, the orthopaedic program was launched.

In the beginning, the hospital belonged to the county and consisted of what is now the East Wing, the building just adjacent to the parking garage. The wards were divided into blue and gold services; the academic faculty were responsible for one and the clinical faculty the other. In those days, orthopaedic care was a little different. Femurs were not rodded, but placed in balanced traction. Patients tended to stay in the hospital until the fracture was "sticky" enough that a spica cast could be placed. The cast room was staffed by a LPN, not a technician. Plaster was applied by residents and faculty; the resulting cast functional, but not pretty. *(to be continued in the next edition)*

Inaugural Lipscomb Society Lecture

At the first Lipscomb Society Lecture, held on September 3, we took the opportunity to mark the 40th anniversary of our department. The lecture was attended by UCD faculty, residents and community orthopaedists alike. The evening began with a reception, giving all a chance to catch up with friends and alumni. Dr. Benson, who one of the very first residents here, gave us a presentation on the history of the department. After a bit of reminiscing about the people who have shaped and guided our department through the years, Dr. William Sterett gave a lecture about ACL graft options. Dr. Sterett, a UC Davis Orthopaedic alumnus, is a partner at the Steadman Hawkins Clinic in Vail, CO and head physician of the US Women's Alpine Ski Team. He had a wealth of knowledge and experience to share, regarding ACL reconstruction surgery.

We look forward to our next lecture, tentatively planned for early December. We are considering an instructional course lecture on hip arthroscopy. Thanks to all who attended our first lecture - we look forward to seeing you in December.

Research Symposium

October 16, 2009

Guest Speaker:

Prof. Dr. Mats Paulsson

"Role of matrilins and COMP in cartilage matrix assembly and in the pathogenesis of chondrodysplasias"

Current candidates for presentation:

Working with Hari Reddi, PhD
Stephanie Chan; *Biotribology of Articular Cartilage*
Grayson DuRaine; *Alternative Splicing of RNA for SZP*

Working with David Fyhrie, PhD
Matthew Soicher; *Damage Initiation Sites in Osteoporotic and Normal Human Cancellous Bone*
Matthew Anderson; *Positive Effect of Glycation on Dynamic Mechanical Response and Static Swelling of Stored Articular Cartilage*
Crystal Tjhia; *Mineralization heterogeneity Separates Fracture Patients with Suppressed Turnover (SSBT) from Healthy Controls*

Working with Paul Di Cesare, MD
Dominik Haudenschild and **Jasper Yik**

Clinical Presenters
Safdar Khan and **Susan Tseng**

Note worthy Accomplishments

Kimberly Anderson, MHA, Chief Administrative Officer, has had an article titled "Sustaining Academic Missions During Financial Turmoil" published in the August 2009 issue of *AAOE* (American Association of Orthopaedic Executives) *News*.



Eric Giza, MD, has been accepted into the Junior Faculty Professional Career Development Program, a highly interactive curriculum designed for effective career development and professional advancement offered by our Office of Faculty Development.



Robert Szabo, MD, MPH, has assumed the role of President of the American Society for Surgery of the Hand, effective September 5, 2009. He will serve until October 9, 2010 and will preside over the 65th Annual ASSH Meeting in Boston, MA, October 7-9, 2010.



Munish Gupta, MD, and **Philip Wolinsky, MD**, have recently been reappointed as vice chairs for the department for a two year term, effective September 1, 2009.



Munish Gupta, MD

Philip Wolinsky, MD

Academic staff members **Lisa Bertschinger** and **Karen Geyer** were recent recipients of the UCD Health System 2008/09 Vice Chancellor & Hospital CEO Award. This award is given to recognize selected staff who have contributed to the organizational success of the UC Davis Health System.



New Arrivals

The department welcomes **Zachary Mallon, MD**, our attending hospitalist and consultant for incoming ER patients for the Trauma Service.

Welcome to **Jose Bosque, MD**, who is assisting faculty members on clinical trials by aiding in recruiting patients, reviewing medical records and collecting and recording data.

INTRODUCING OUR CLINICAL FELLOWS

Adult Reconstructive Fellow



Yeukkei Cheung, MD
Westchester Medical
Center - New York
Medical College,
Valhalla, NY

Pediatrics Fellow

Teresa Mosqueda, MD
University of Iowa
Hospitals and Clinics,
Iowa City, IA



Trauma Fellows



Michael Leslie, DO
Peninsula Hospital Center
Far Rockaway, NY

Hand/Upper Extremity Fellow

Shima Sokol, MD
Montefiore Medical
Center - Albert Einstein
College of Medicine,
Bronx, NY



Spine Fellow

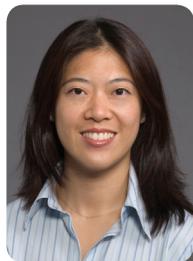


Mario Luna, MD
University of
California
Irvine Medical Center
Orange, CA

Jason Lowe, MD
University of
Missouri, Columbia



**We Welcome
Dr. Cassandra Lee
to the Sports
Medicine Service**



Dr. Lee has been appointed Assistant Professor of Orthopaedic Surgery. She has recently completed her

sports medicine fellowship at Washington University in St. Louis. Dr. Lee earned her medical degree from Boston University and completed her orthopaedic residency at Wake Forest University in Winston-Salem, NC.

Dr. Lee specializes in sports medicine, arthroscopy of the knee and shoulder, and shoulder reconstruction. Her research involves basic science studies of cartilage regeneration and ligament biology and how these findings translate to clinical outcomes studies. She is also involved in a multi-center sports medicine group studying factors contributing to revision ACL surgeries with a prospective data base.

Dr. Lee is board eligible with the American Board of Orthopaedic Surgery and is certified by Genzyme to do Autologous Chondrocyte Implantation (ACI) procedures.

Meet a couple of our Volunteer Clinical Faculty

Frank Palumbo, MD



My wife, Evie and I moved our family to Sacramento in January 1972 to leave the cold Chicago winters behind forever. One item on my list of

reasons for settling in Sacramento was to become affiliated with the Orthopaedic clinical teaching staff at UCD, headed by Dr. Paul Lipscomb. I had met Dr. Lipscomb briefly during my residency training in Chicago and I appreciated that he was one of the "greats" in Orthopaedic Surgery.

I started my volunteer service here as a Clinical Instructor and over the years have had the opportunity to attend and share orthopaedic knowledge and experience with some of the best and brightest who have continued to become a part of one of the finest Orthopaedic residency programs in the country.

After 36 years, it is still a privilege and an honor to associate, in my small way, with the gifted full time staff, fellows, VCF members, support staff, and the many outstanding residents that our department trains.

*To all of our dedicated volunteers...
a great big
Thank you!*

David Manske, MD



One of the most satisfying activities of my profession has been working with residents and medical students. I have been a member of the VCF since 1986, the year I finished my own training here.

I have worked extensively with the R4 residents during their Kaiser rotations and with R2 residents when I would take attending call at UCDMC. I have had the unique pleasure of seeing three of my past residents actually become professional colleagues in my department at Kaiser South. In fact, Dr. Hallare, one of those past residents, actually rotated through my office when he was a third year med student at UC Davis!

The number of medical students who have come through my door is too large to count! For a few years, their curriculum had every 3rd year student spending 8-12 hours a week with me!

I have been fortunate enough to be the recipient of five teaching awards. The orthopaedic residents voted me "Outstanding Volunteer Clinical Faculty" member in 1988 and in 1997, and the medical students named me "Outstanding Volunteer Instructor" in 1997, 1998 and 1999. These awards were a great honor.

Spotlight on

ADULT RECONSTRUCTIVE SURGERY SERVICE

The Adult Reconstructive Surgery, Joint Arthroplasty Service initially began in 1977 when George Rab, MD, arrived from the Mayo Clinic, having been exposed to a new pioneering surgery called hip replacement. He subsequently pursued his interest in pediatric orthopaedics and currently serves as professor of pediatric orthopaedics in our department. Dr. Rab was followed by Juan Rodrigo, MD, recruited from UCSF, where he was also a leader, along with William Murray, MD, in the advancement of this new and innovative hip replacement procedure. Dr. Rodrigo also brought with him an interest in allograft and cartilage preservation techniques, being involved with the microfracture arthroscopic cartilage preservation procedure. In 1991, Joseph Matthews, MD, arrived from the Cleveland Clinic to perform hip and knee arthroplasty and oncology services. He brought with him the concept of porous ingrowth, uncemented fixation of the femoral component in hip

arthroplasty. Dr. Matthews left in 1996, and was followed by Dr. Ken Trauner, a member of the service until 2001.

John Meehan, MD, was originally recruited as a general orthopaedist for the Primary Care Network in 1998, but with the departure of Dr. Trauner in 2001, was asked to join the Adult Reconstructive Surgery Service. Dr. Amir Jamali joined Dr. Meehan in 2003, after the departure of Dr. Rodrigo. Dr. Meehan completed his residency training at UC Davis; his fellowship training in Adult Reconstructive Surgery in Boston at the New England Baptist Hospital, under Benjamin Bierbaum, MD. Dr. Jamali completed his residency training in San Diego, followed by a fellowship in Adult Reconstructive Surgery in Boston at the Massachusetts General Hospital under William Harrison, MD. From 2004 to 2009, Dr. Dave Moehring was a member of the arthroplasty service faculty, after transferring from a successful practice as an orthopaedic traumatologist for 20 years. In 2006, Dr. Paul DiCesare became the fourth member of the service and assumed the position of chairman of the

department. Dr. Di Cesare received his residency training at USC, performed a Muller Fellowship in Switzerland, and was a faculty member at the Hospital for Joint Diseases in New York for 15 years prior to coming to UC Davis.

Our team includes Cindy Anderson, BSN and case manager since 1998, and Deb Wilkinson, RN; both provide invaluable support with the day-to-day operations of the service. Our Administrative Assistant, Mazie Ngai, has been an important contributor to the academic success of the service since her arrival in 2007. In the operating rooms, the service is supported by Robert Arinevar, Chris Hoffman, Chris Klimek and Cindy Holm.

Surgical procedures offered by the service include primary and revision hip and knee replacement, hip resurfacing arthroplasty, osteotomies about the hip and knee, hip and knee arthroscopy, cartilage preservation and restoration, and joint preservation surgery of the hip and knee.

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